

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040815\
 Data File : BM000921.D
 Acq On : 09 Apr 2015 11:21
 Operator : TP/IZ
 Sample : G1764-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YT-MW-01

Manual Integrations
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Quant Time: Apr 09 12:22:34 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 04:17:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	24996	5.00	ng	-0.01
4) Naphthalene-d8	10.39	136	88862	5.00	ng	-0.01
8) Acenaphthene-d10	14.26	164	46584	5.00	ng	-0.02
13) Phenanthrene-d10	17.01	188	103332	5.00	ng	0.00
19) Chrysene-d12	21.21	240	90868	5.00	ng	0.00
25) Perylene-d12	23.39	264	83559	5.00	ng	-0.01
System Monitoring Compounds						
5) Nitrobenzene-d5	8.76	82	43999	8.06	ng	-0.01
9) 2-Fluorobiphenyl	12.88	172	131611	9.11	ng	-0.01
21) Terphenyl-d14	19.65	244	114490	10.47	ng	-0.01
Target Compounds						Qvalue
6) Naphthalene	10.44	128	1537	0.07	ng	# 73
7) 2-Methylnaphthalene	12.06	142	2451	0.19	ng	97
12) Fluorene	15.32	166	692	0.04	ng	# 81
15) Pentachlorophenol	16.66	266	772	0.84	ng	96
16) Phenanthrene	17.05	178	1000m	0.04	ng	
17) Anthracene	17.13	178	681	0.03	ng	# 93
18) Fluoranthene	19.08	202	642	0.02	ng	# 87
20) Pyrene	19.44	202	643	0.02	ng	# 85
24) Indeno(1,2,3-cd)pyrene	25.57	276	832	0.03	ng	93
29) Dibenzo(a,h)anthracene	25.58	278	883	0.04	ng	# 39
30) Benzo(g,h,i)perylene	26.24	276	517	0.02	ng	# 50

(#) = qualifier out of range (m) = manual integration (+) = signals summed

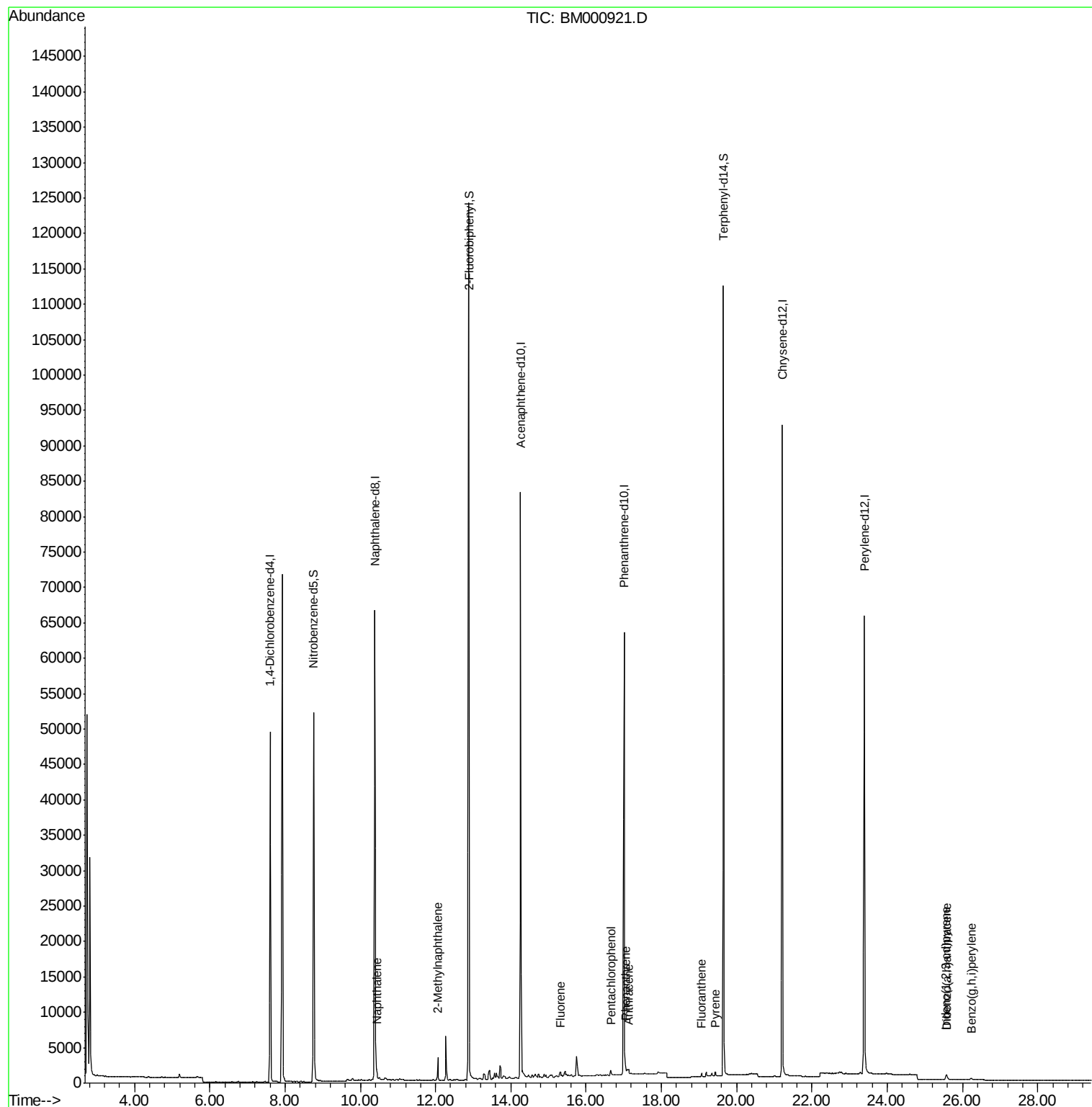
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040815\
Data File : BM000921.D
Acq On : 09 Apr 2015 11:21
Operator : TP/IZ
Sample : G1764-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YT-MW-01

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Quant Time: Apr 09 12:22:34 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 04:17:30 2015
Response via : Initial Calibration

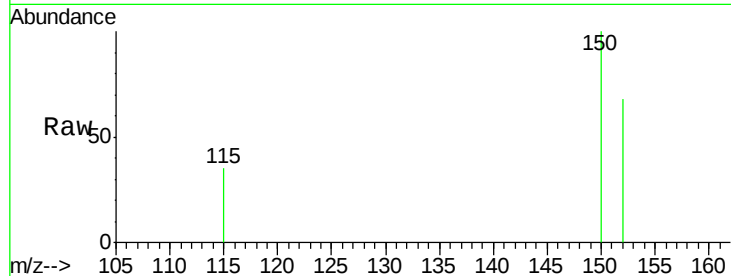




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM000921.D
Acq: 09 Apr 2015 11:21

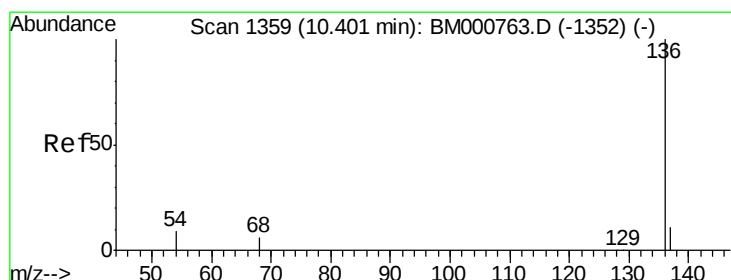
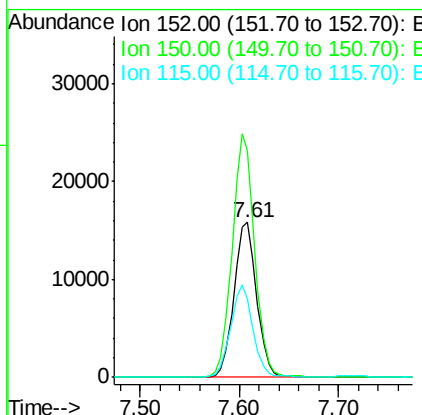
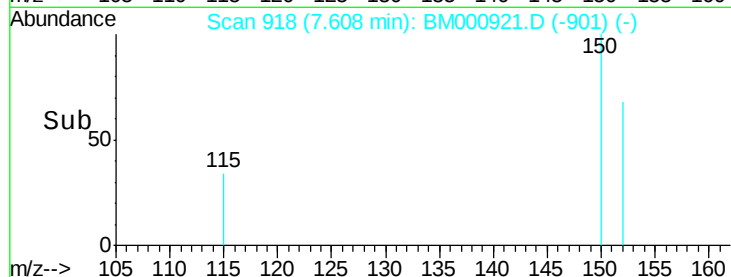
Instrument :
BNA_M
ClientSampleId :
YT-MW-01



Tgt Ion:152 Resp: 24996
Ion Ratio Lower Upper
152 100
150 146.4 120.8 181.2
115 50.9 42.7 64.1

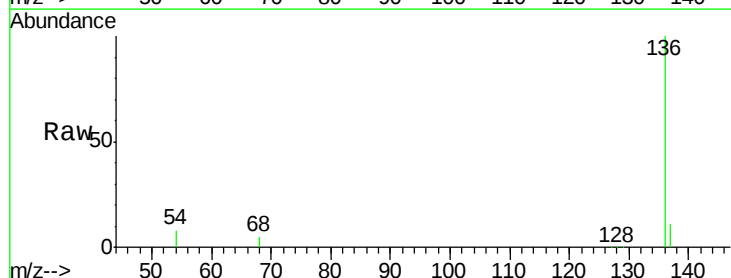
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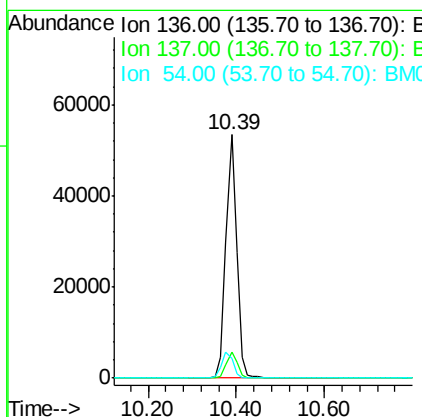
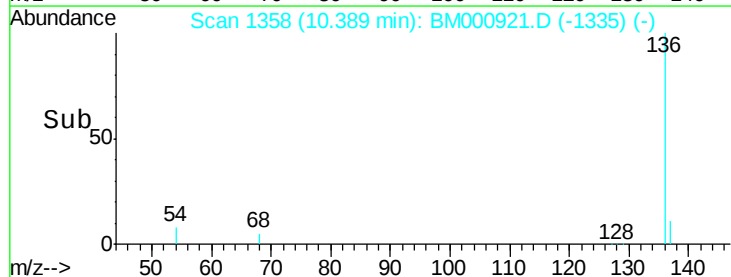


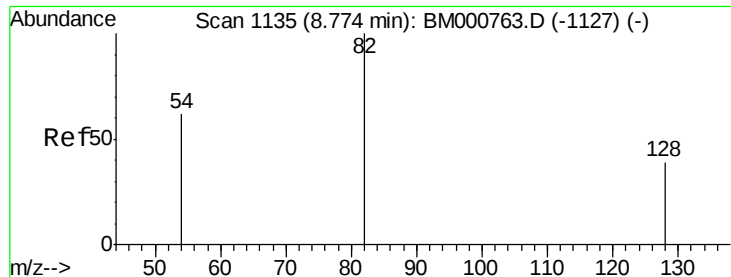
#4

Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BM000921.D
Acq: 09 Apr 2015 11:21



Tgt Ion:136 Resp: 88862
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.2 7.0 10.6





#5

Nitrobenzene-d5

Concen: 8.06 ng

RT: 8.76 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BM000921.D

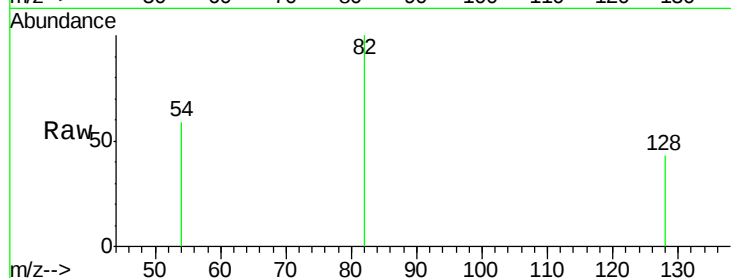
Acq: 09 Apr 2015 11:21

Instrument :

BNA_M

ClientSampleId :

YT-MW-01



Tgt Ion: 82 Resp: 43999

Ion Ratio Lower Upper

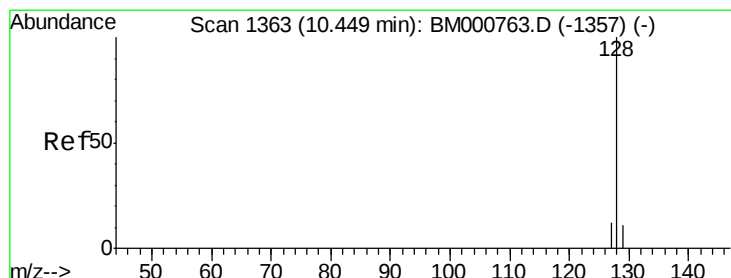
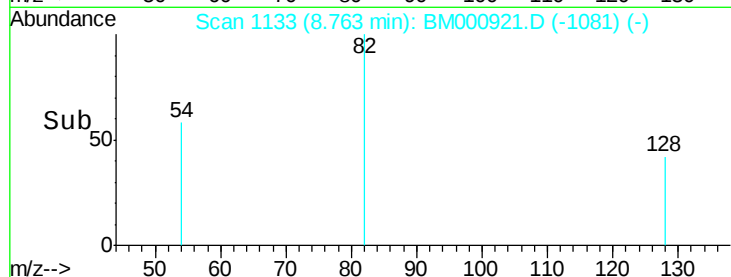
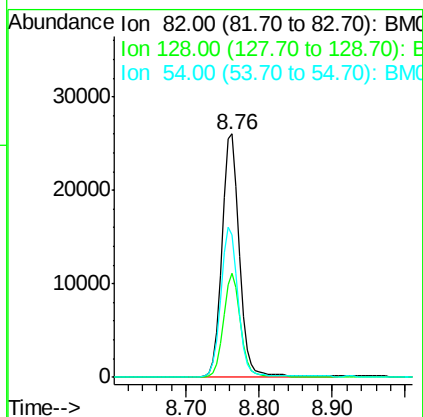
82 100

128 42.5 32.2 48.2

54 58.6 50.2 75.4

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#6

Naphthalene

Concen: 0.07 ng

RT: 10.44 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BM000921.D

Acq: 09 Apr 2015 11:21

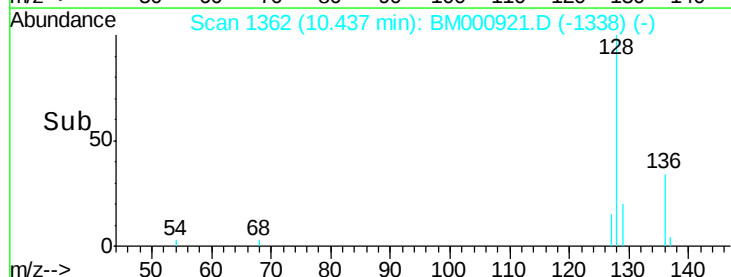
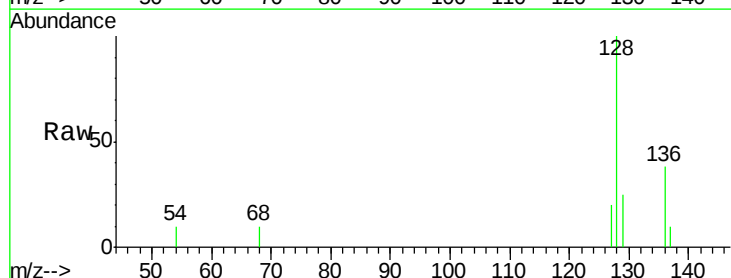
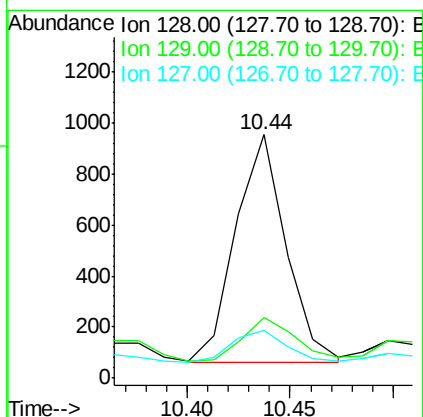
Tgt Ion: 128 Resp: 1537

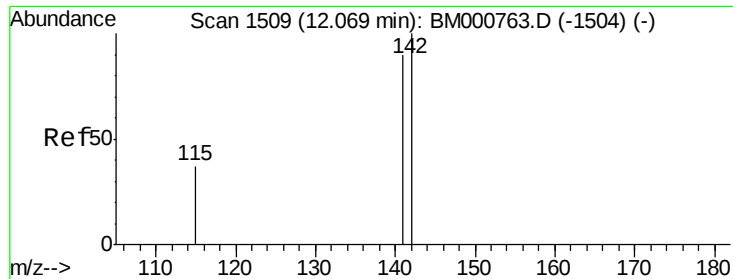
Ion Ratio Lower Upper

128 100

129 24.6 8.9 13.3#

127 19.8 10.0 15.0#





#7

2-Methylnaphthalene

Concen: 0.19 ng

RT: 12.06 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM000921.D

Acq: 09 Apr 2015 11:21

Instrument :

BNA_M

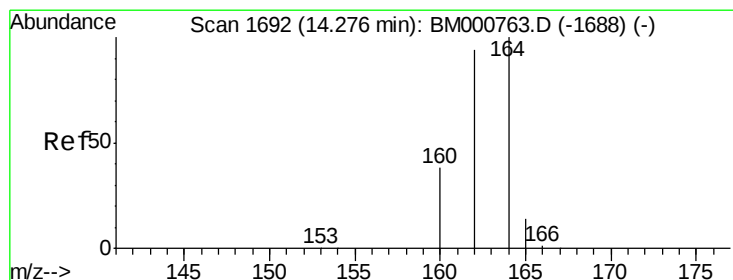
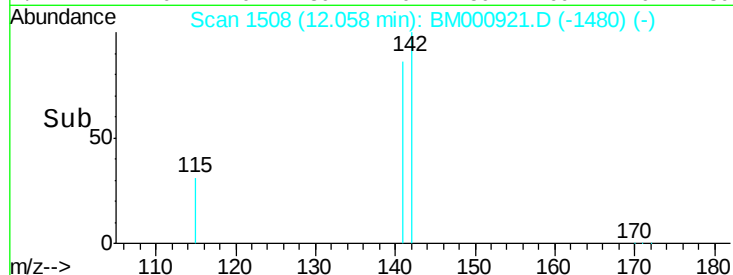
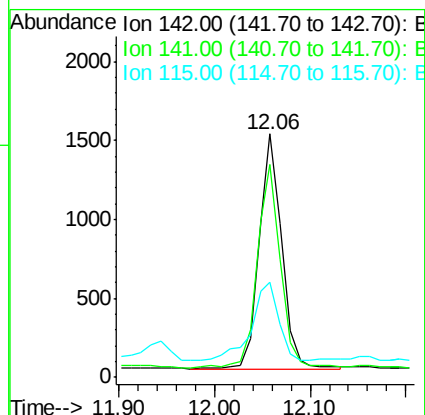
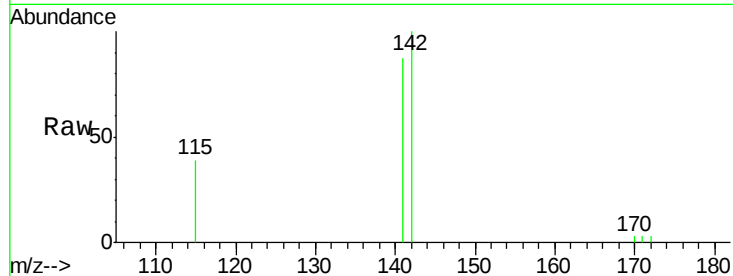
ClientSampleId :

YT-MW-01

Tgt Ion:	142	Resp:	2451
Ion Ratio	Lower	Upper	
142	100		
141	87.3	72.3	108.5
115	39.0	29.5	44.3

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#8

Acenaphthene-d10

Concen: 5.00 ng

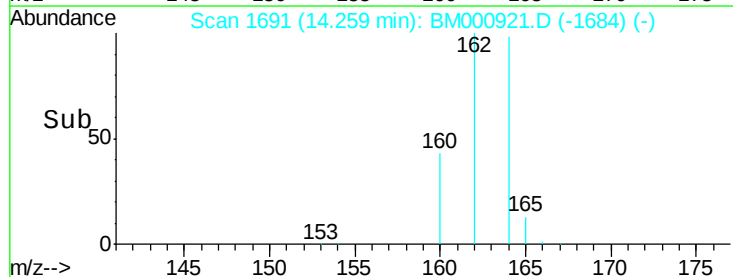
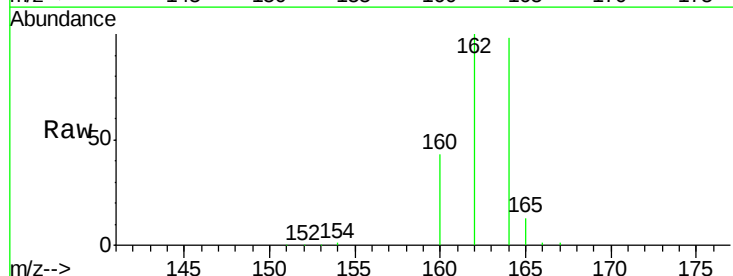
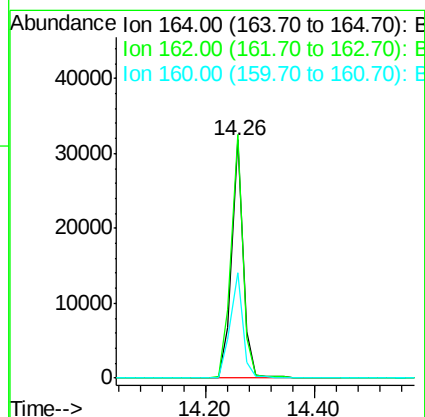
RT: 14.26 min Scan# 1691

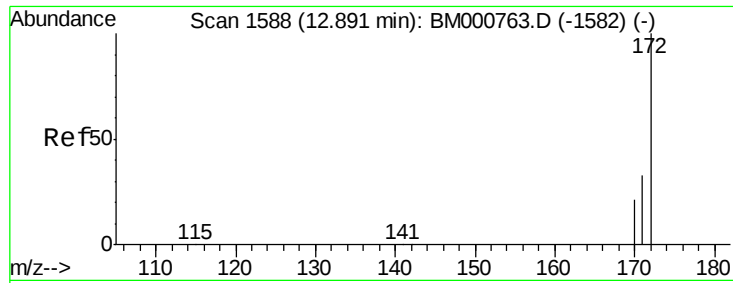
Delta R.T. -0.02 min

Lab File: BM000921.D

Acq: 09 Apr 2015 11:21

Tgt Ion:	164	Resp:	46584
Ion Ratio	Lower	Upper	
164	100		
162	102.3	75.4	113.2
160	44.0	30.8	46.2





#9

2-Fluorobiphenyl

Concen: 9.11 ng

RT: 12.88 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BM000921.D

Acq: 09 Apr 2015 11:21

Instrument :

BNA_M

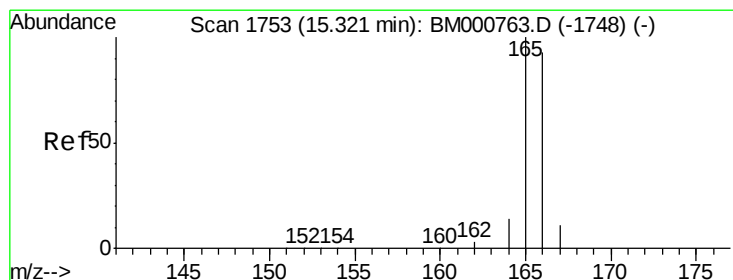
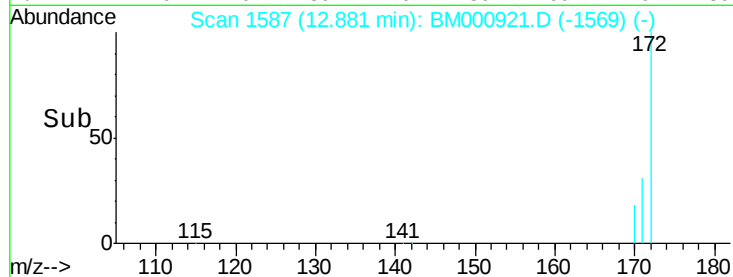
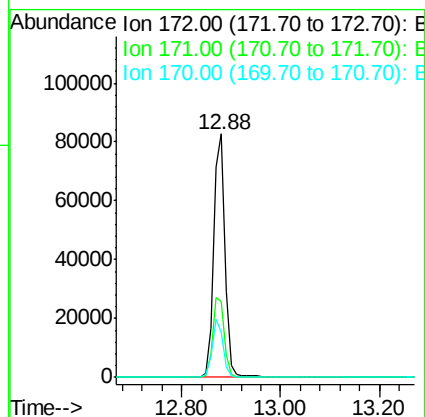
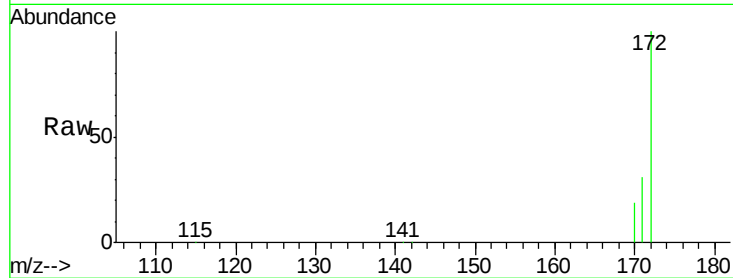
ClientSampleId :

YT-MW-01

Tgt Ion:	172	Resp:	131611
Ion Ratio	Lower	Upper	
172	100		
171	31.1	26.6	39.8
170	18.5	17.1	25.7

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#12

Fluorene

Concen: 0.04 ng

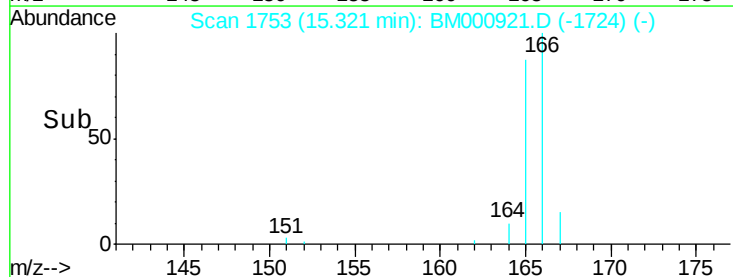
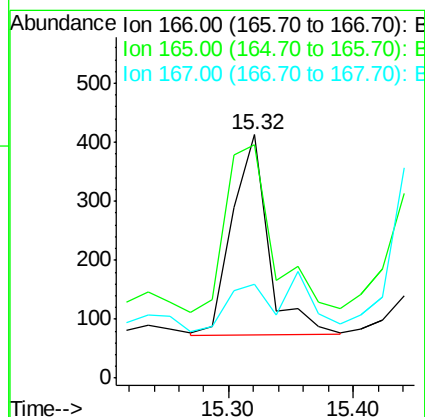
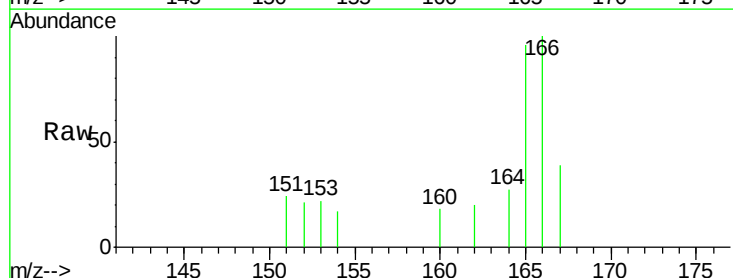
RT: 15.32 min Scan# 1753

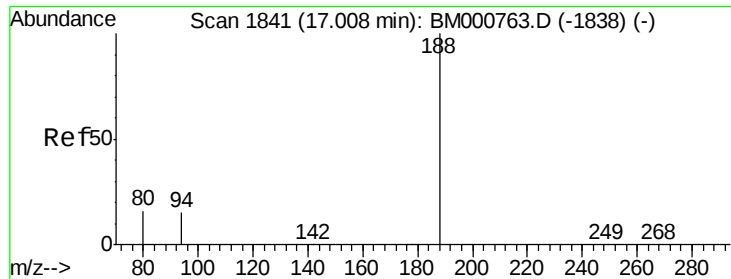
Delta R.T. 0.00 min

Lab File: BM000921.D

Acq: 09 Apr 2015 11:21

Tgt Ion:	166	Resp:	692
Ion Ratio	Lower	Upper	
166	100		
165	114.3	78.2	117.2
167	27.9	10.7	16.1#





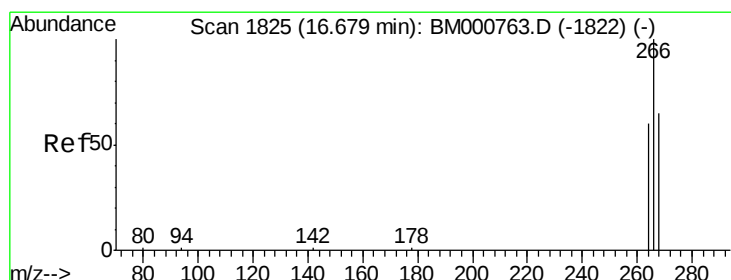
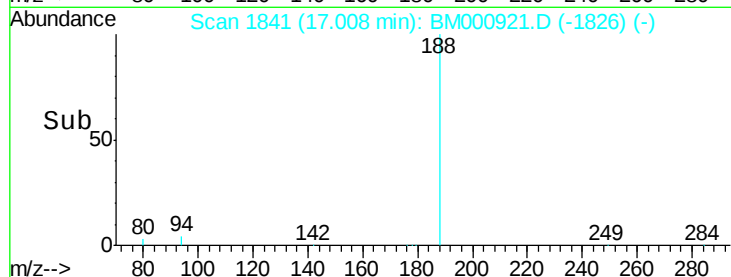
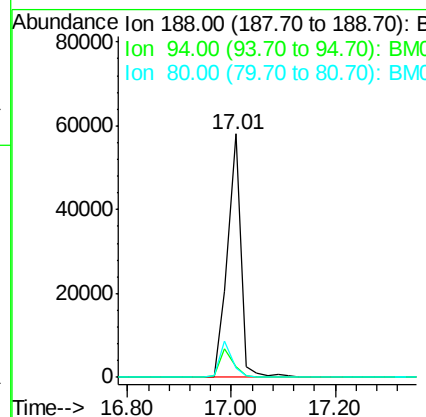
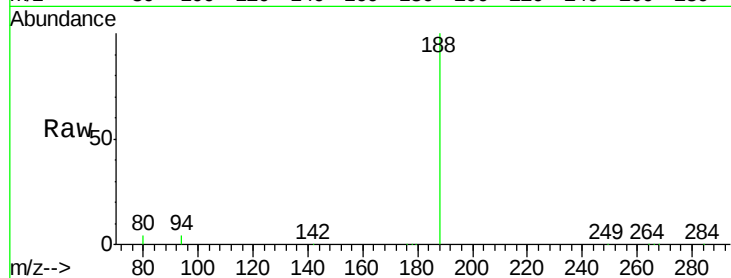
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM000921.D
Acq: 09 Apr 2015 11:21

Instrument :
BNA_M
ClientSampleId :
YT-MW-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	4.3	12.0	18.0#
80	3.7	12.8	19.2#

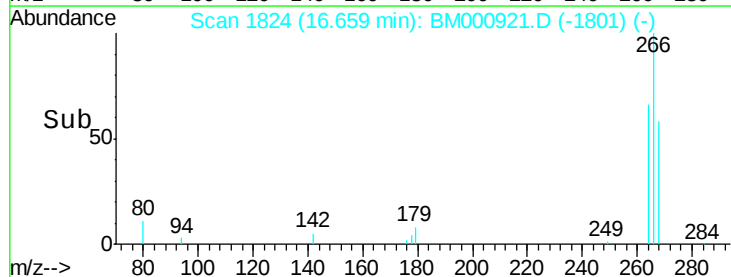
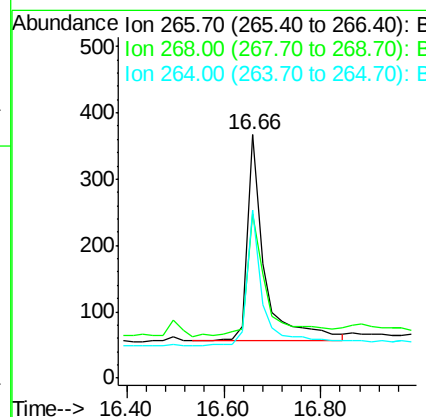
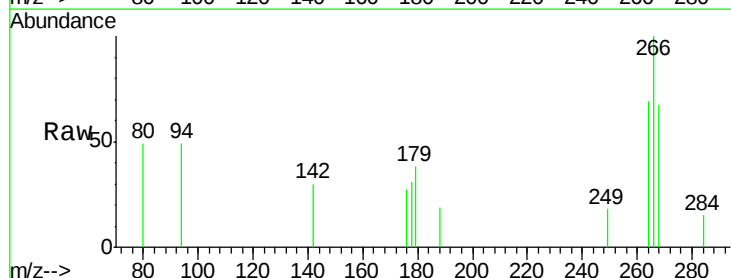
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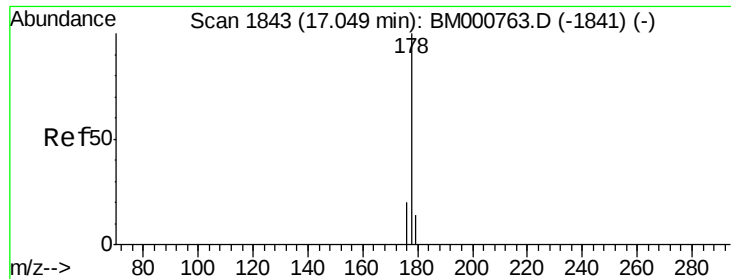
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#15
Pentachlorophenol
Concen: 0.84 ng
RT: 16.66 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM000921.D
Acq: 09 Apr 2015 11:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.3	55.0	82.6
264	69.2	51.0	76.4





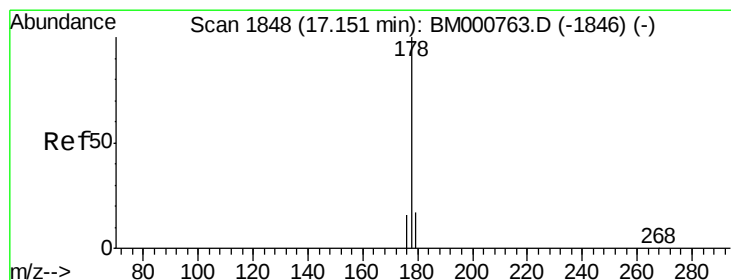
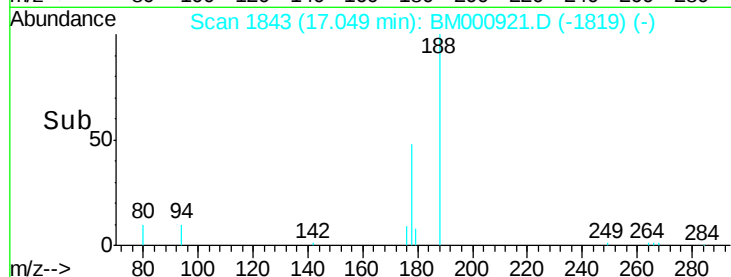
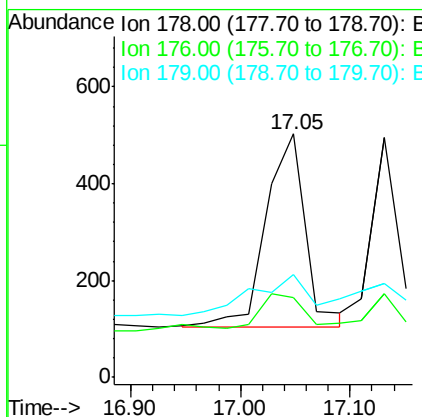
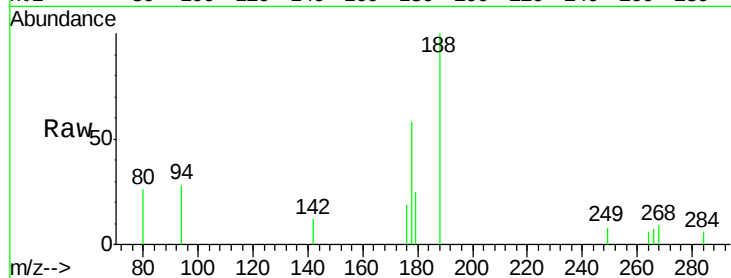
#16
Phenanthrene
Concen: 0.04 ng m
RT: 17.05 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM000921.D
Acq: 09 Apr 2015 11:21

Instrument :
BNA_M
ClientSampleId :
YT-MW-01

Tgt Ion:178 Resp: 1000
Ion Ratio Lower Upper
178 100
176 11.4 15.3 22.9#
179 9.4 12.2 18.2#

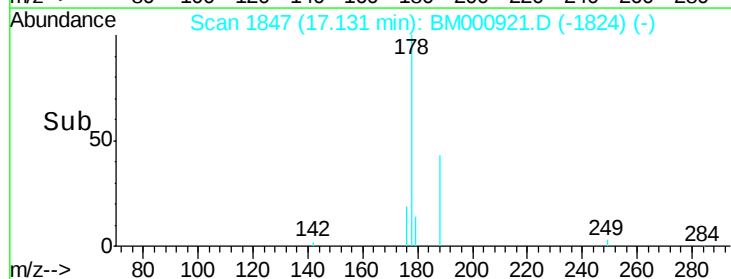
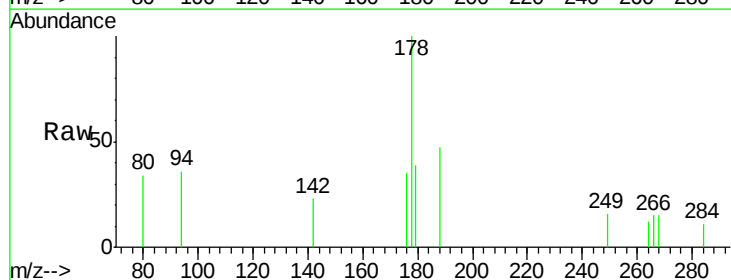
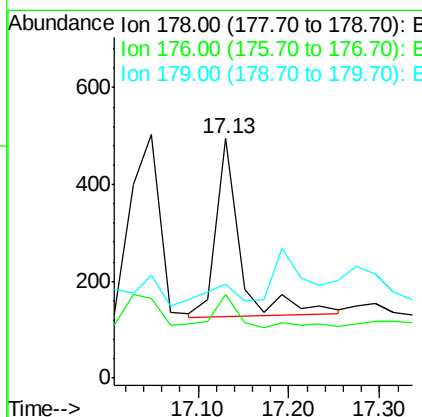
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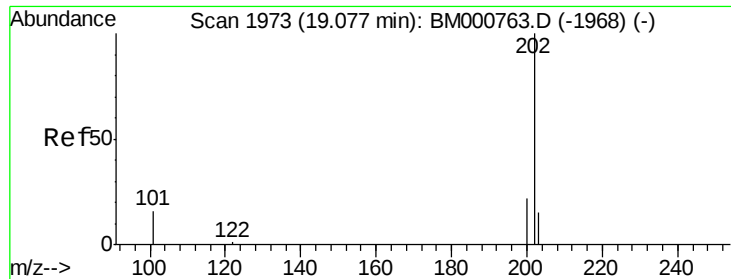
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#17
Anthracene
Concen: 0.03 ng
RT: 17.13 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BM000921.D
Acq: 09 Apr 2015 11:21

Tgt Ion:178 Resp: 681
Ion Ratio Lower Upper
178 100
176 16.7 14.6 22.0
179 20.4 12.2 18.4#





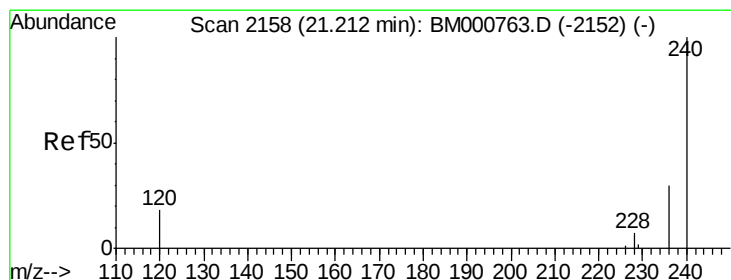
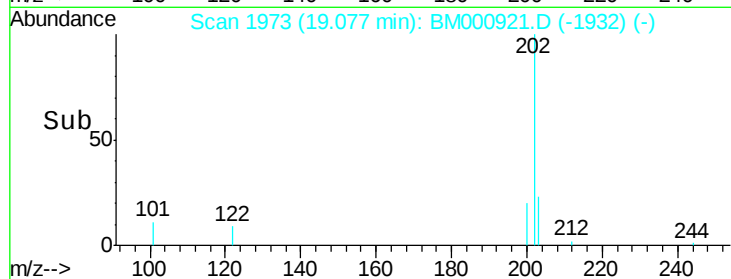
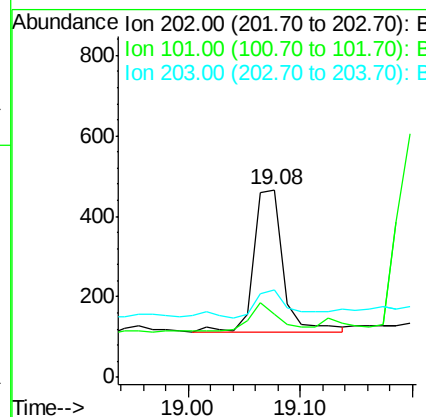
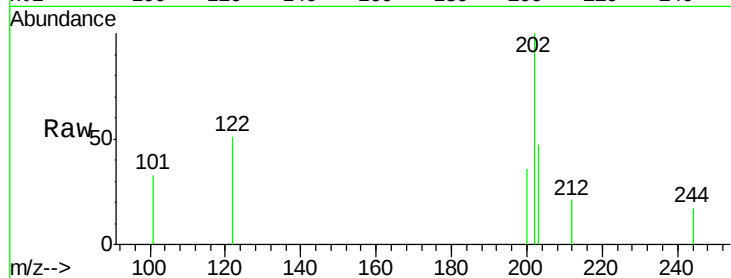
#18
 Fluoranthene
 Concen: 0.02 ng
 RT: 19.08 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: BM000921.D
 Acq: 09 Apr 2015 11:21

Instrument :
 BNA_M
 ClientSampleId :
 YT-MW-01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	19.6	10.5	15.7#
203	21.7	13.8	20.8#

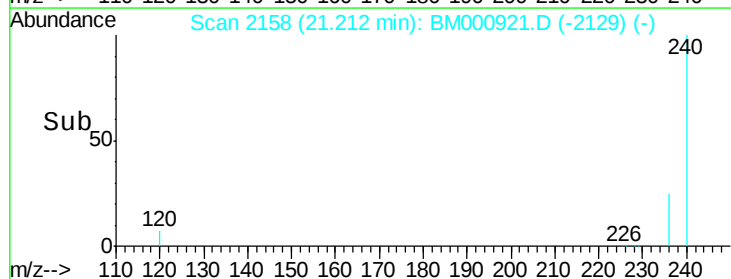
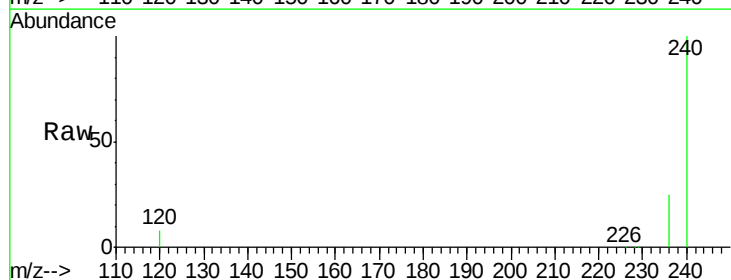
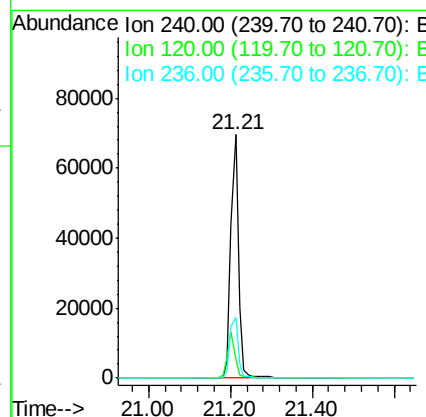
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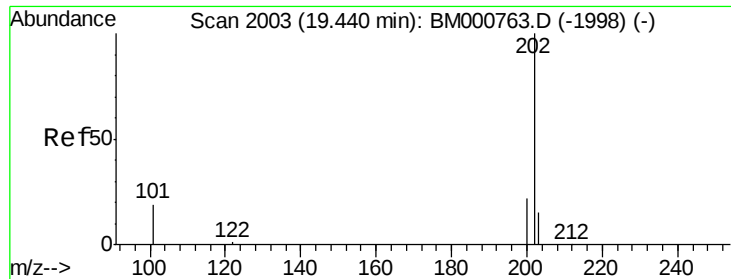
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#19
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.21 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BM000921.D
 Acq: 09 Apr 2015 11:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	14.9	22.3#
236	24.9	24.2	36.4





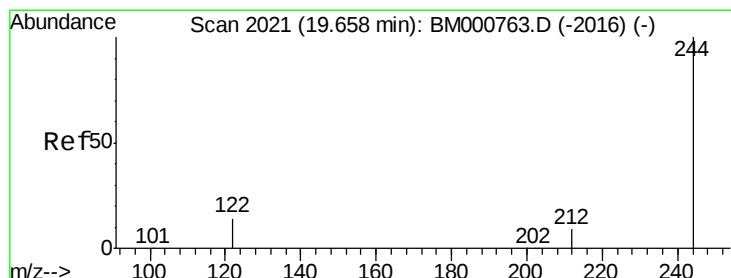
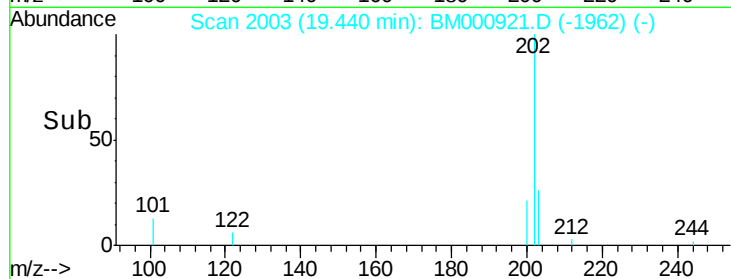
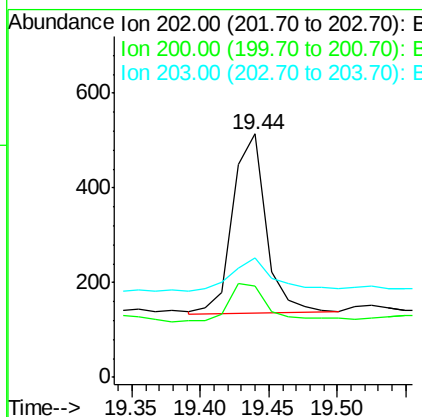
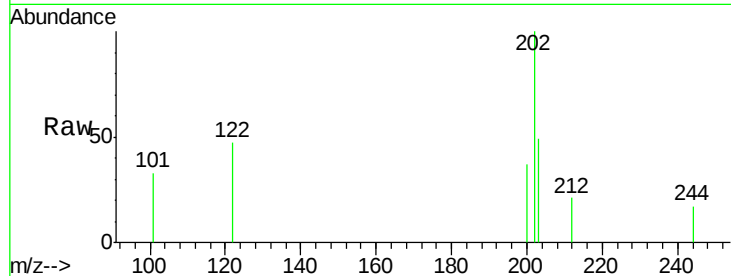
#20
Pyrene
Concen: 0.02 ng
RT: 19.44 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM000921.D
Acq: 09 Apr 2015 11:21

Instrument :
BNA_M
ClientSampleId :
YT-MW-01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.3	16.2	24.2#
203	24.6	13.9	20.9#

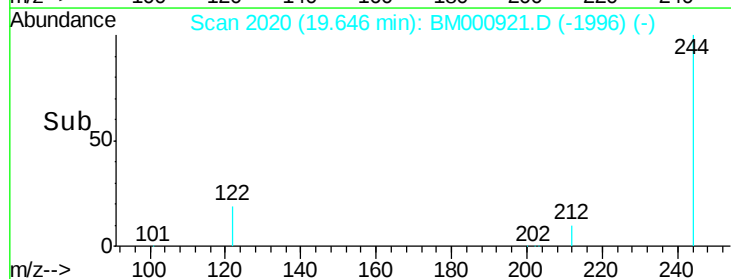
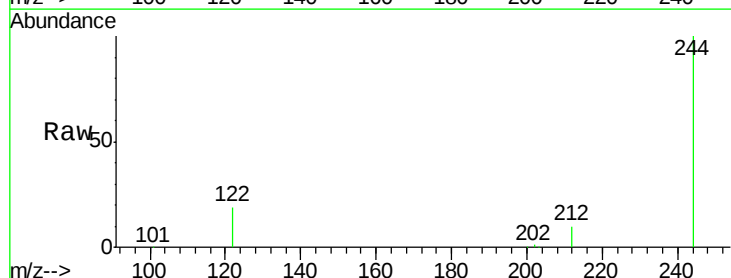
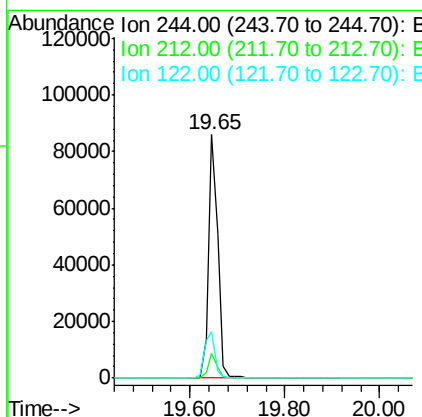
Manual Integrations
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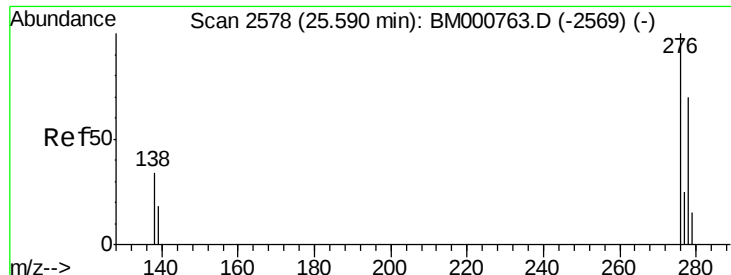
apatel
4/9/2015 4:32:59 PM



#21
Terphenyl-d14
Concen: 10.47 ng
RT: 19.65 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BM000921.D
Acq: 09 Apr 2015 11:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.8	11.6
122	19.2	11.8	17.8#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng

RT: 25.57 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BM000921.D

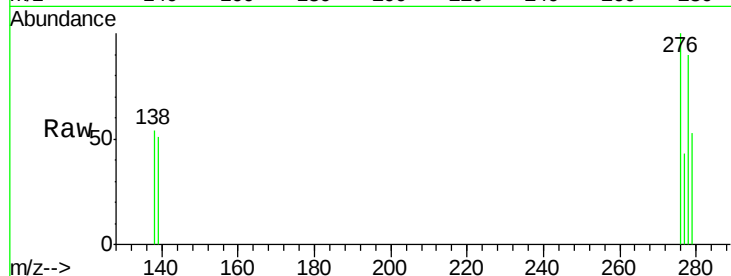
Acq: 09 Apr 2015 11:21

Instrument :

BNA_M

ClientSampleId :

YT-MW-01



Tgt Ion: 276 Resp: 832

Ion Ratio Lower Upper

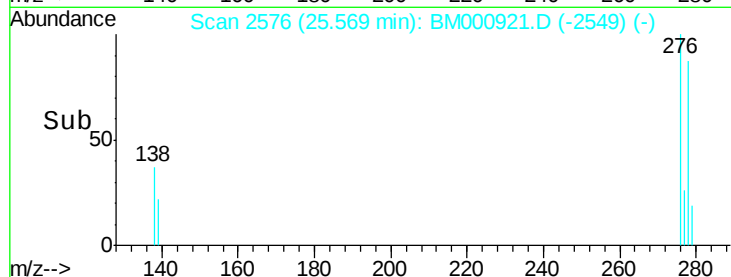
276 100

138 39.7 27.4 41.2

277 26.0 19.7 29.5

Manual Integrations
APPROVED

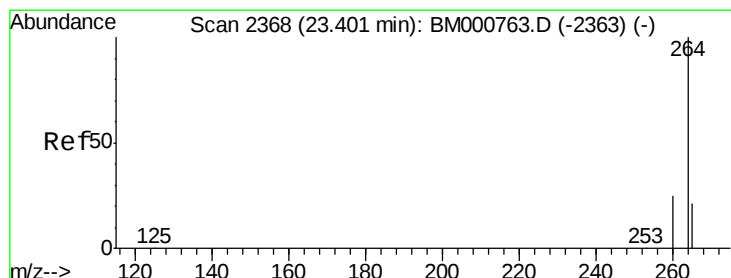
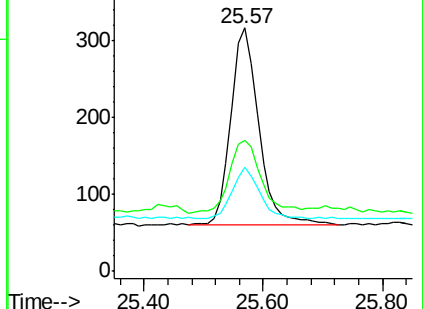
apatel
4/9/2015 4:32:59 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#25

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 2367

Delta R.T. -0.01 min

Lab File: BM000921.D

Acq: 09 Apr 2015 11:21

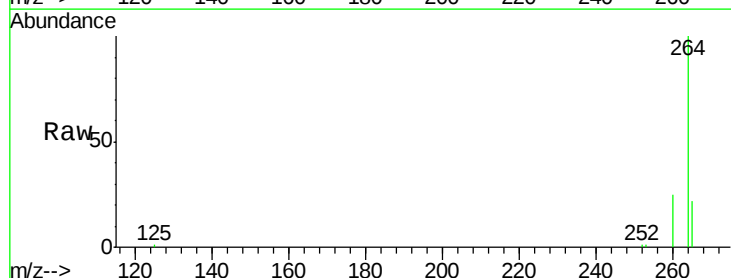
Tgt Ion: 264 Resp: 83559

Ion Ratio Lower Upper

264 100

260 24.5 20.1 30.1

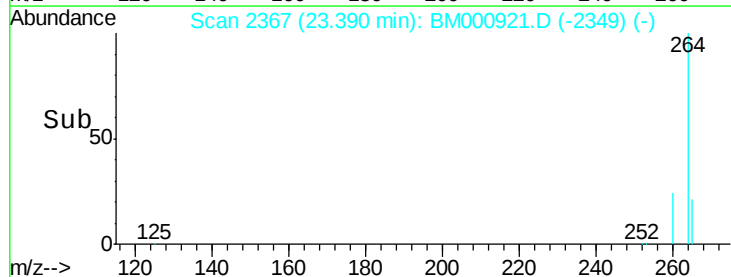
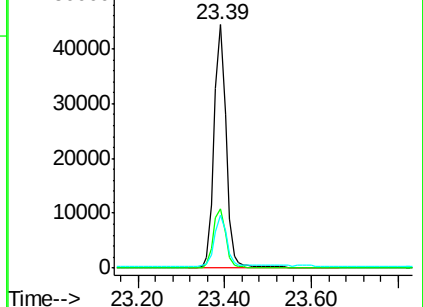
265 22.0 17.4 26.0

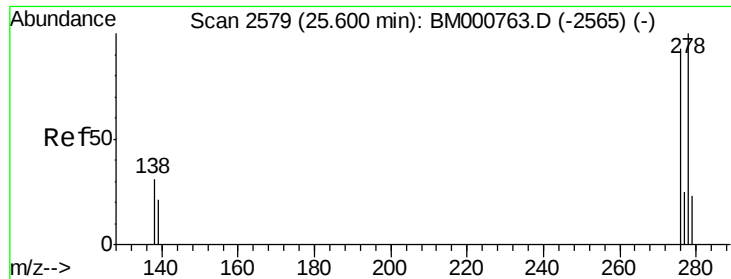


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





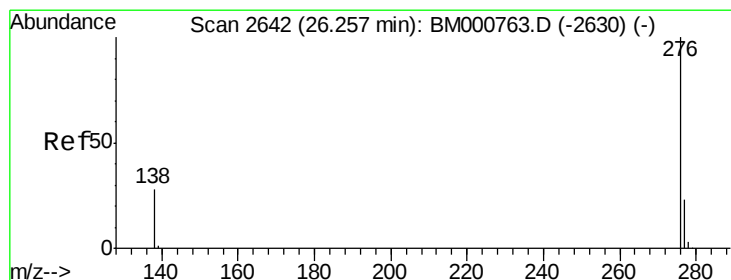
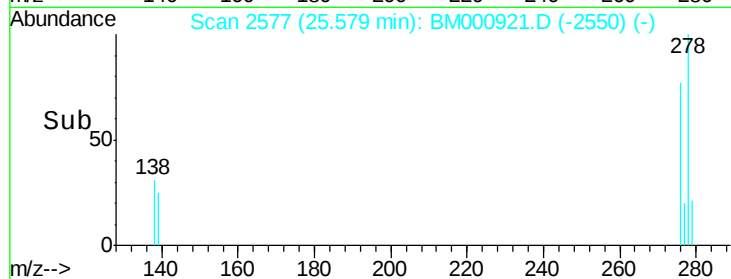
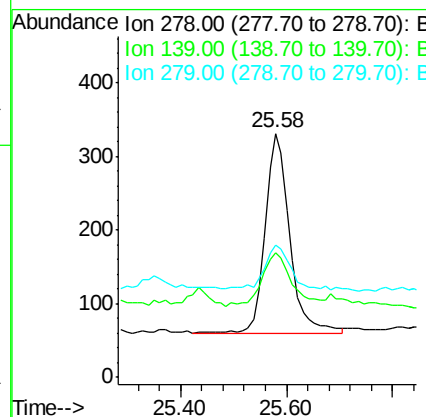
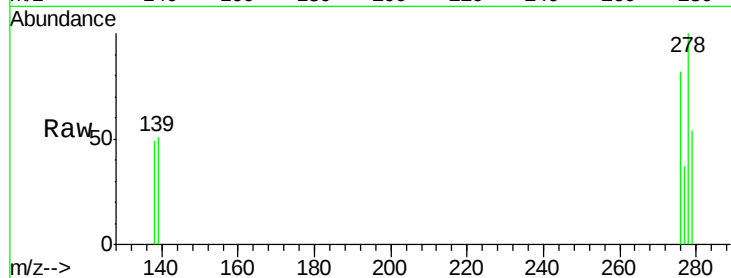
#29
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 25.58 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BM000921.D
Acq: 09 Apr 2015 11:21

Instrument :
BNA_M
ClientSampleId :
YT-MW-01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	51.1	17.8	26.6#
279	54.4	19.3	28.9#

Manual Integrations
APPROVED

apatel
4/9/2015 4:32:59 PM



#30
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.24 min Scan# 2640
Delta R.T. -0.02 min
Lab File: BM000921.D
Acq: 09 Apr 2015 11:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	48.3	19.1	28.7#
138	55.5	23.1	34.7#

